



Docket Number (Optional)	Application Number
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U.S. PATENT DOCUMENTS									
		DATE	NAME	<u> </u>	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
			OTHER DOCU	MENTS (Including	Author, Title, Date, I	Pertinent Pages, Etc.)			
						Hilux 200, Sprir	ng Health		
/	"LED Cu	ring Light" fron	TOESCO Yoshida To	ei Engineering Co.	Ltd. (October	•			
/	"Dental/N Curing U	Medical Diagno Inites Based or	stic Systems, Inc. Rec n New LED Technology	eives \$4.0 Million C " (2 pages) (printou	order for Its Wi	reless Apollo e impoundsemico	and Wavelight onductor.net).		
	"Heat Da								
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\	"Technic	al Data" (3 pag	es) (printout from www	.cranews.com)					
<u>\</u>	"Photogr	aphs" depicting	g Virtuoso curing light (	printout from www.	cranews.com)				
<u></u>	Caughm	an, et al., "In V	itro Intrapulpal Temper	ature Rise with a V	ariety of Light	Sources" (1 pag	je).		
<u> </u>	Bouschli	cher, et al., "In	trapulpal Temperature	Increases with LED	), QTH and Ard	Photoinitiation	" (1 page).		
<u>\</u>	Meyer et page).	al., "Decrease	in Power Output of Bl	ue LD Curing Lights	with Increasir	ng Distance to F	Filling Surface" (1		
	Parr et a	I., "Spectral An	alysis of Commercial L	ED Dental Curing I	Lights" (1 page	· •)			
	CRA Nev	wsletter, Vol. 2	0, Issue 3, "Intraoral R	esin Curing Lights"	, (March 1996)	) (2 pages).			
	CRA Nev	wsletter, "Resir	Curing Light, Cordles	s" (2 pages).	<del></del>				
	CRA Nev	wsletter, "Visib	e Curing Lights" (4 pag	ges).					
	"Power F	PAC" (3 pages)	(printout from www.an	nericandentaltech.c	om)				
	"The PA	C" (2 pages) (p	rintout from www.amer	icandentaltech.com	<u>ı)</u>				
<b>&gt;</b>	"The Sci	ence of Curing	" (8 pages) (printout fro	m www.lasermed.c	om)				
/	"The Acc	cucure 1000" (2	2 pages) (printout from	www.lasermed.com	1)				
/	"The Acc	cucure 3000" (2	2 pages) (printout from	www.lasermed.com	ո)				
1	"RemeC	ure CL15" (1 pa	age) (printout from www	v.remedent.com)					
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"Power PAC" (3 pages) (printout from www.americandentaltech.com "The PAC" (2 pages) (printout from www.americandentaltech.com "The Accucure 1000" (2 pages) (printout from www.lasermed.com "RemeCure CL15" (1 page) (printout from www.lasermed.com) "RemeCure CL15" (1 page) (printout from www.remedent.com)	U.S. PATENT DOCUMENTS  OTHER DOCUMENTS (Including Author, Title, Date,  "Savings on Curing Lights from Lone Star Dental Corp.", including First Medica Powerlite and Dentamerica Litex (1 page) (printout from www.denteqip.com).  "LED Curing Light" from TOESCO Yoshida Toei Engineering Co., Ltd. (October "Dental/Medical Diagnostic Systems, Inc. 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"Power PAC" (3 pages) (printout from www.americandentaltech.com)  "The Science of Curing" (8 pages) (printout from www.lasermed.com)  "The Accucure 1000" (2 pages) (printout from www.lasermed.com)  "The Accucure 3000" (2 pages) (printout from www.lasermed.com)  "The Accucure 1000" (2 pages) (printout from www.lasermed.com)  "The Accucure 1000" (2 pages) (printout from www.lasermed.com)	IN AN APPLICATION  (Use several sheets if necessary)  Applicant  Cae  Filing Date  Croup Art Unit  U.S. PATENT DOCUMENTS  OCCUMENT  DATE  NAME  CLASS  SUBCLASS  OTHER DOCUMENTS  ("Savings on Curing Lights from Lone Star Dental Corp.", including First Medica Hilux 200, Sprin Powerlite and Dentamerica Litex (1 page) (printout from www.denteqip.com).  "LED Curing Light" from TOESCO Yoshida Toei Engineering Co., Ltd. (October 2001).  "Dental/Medical Diagnostic Systems, Inc. Receives \$4.0 Million Order for Its Wireless Apollo e Curing Unites Based on New LED Technology" (2 pages) (printout from www.compoundsemicc  "Heat Data" (2 pages) (regarding rise in tooth pulp temperature with various curing lights).  "Comparison to Other Curing Lights" (2 pages) (printout from www.cranews.com)  "Curing Performance" (4 pages) (printout from www.cranews.com)  "Technical Data" (3 pages) (printout from www.cranews.com)  "Photographs" depicting Virtuoso curing light (printout from www.cranews.com)  Caughman, et al., "In vitro Intrapulpal Temperature Rise with a Variety of Light Sources" (1 pages) and the Companies of Photographs (1 pages) (printout from www.cranews.com)  Caughman, et al., "Intrapulpal Temperature Increases with LED, QTH and Arc Photoinitiation Meyer et al., "Decrease in Power Output of Blue LD Curing Lights with Increasing Distance to Fage).  Parr et al., "Spectral Analysis of Commercial LED Dental Curing Lights" (1 page)  CRA Newsletter, Vol. 20, Issue 3, "Intraoral Resin Curing Lights", (March 1996) (2 pages).  CRA Newsletter, "Visible Curing Lights" (4 pages).  "Power PAC" (3 pages) (printout from www.americandentaltech.com)  "The PAC" (2 pages) (printout from www.americandentaltech.com)  "The Accucure 1000" (2 pages) (printout from www.lasermed.com)  "The Accucure 2000" (2 pages) (printout from www.lasermed.com)		

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.





## INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)	Application Number 10/672, 635
Applicant Cao	

Group Art Unit

### **U.S. PATENT DOCUMENTS**

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			edical Supply" (2 pages) (printout from v			
		(4 pages listin nartmed.com)	g dental equipment including ART-L1 'F	igh Power Light	Curing Unit") (pr	rintout from
		erica – Litex" ( ntamerica.com	2 pages discussing Litex 680A, Litex 68 )	2, and Litex 692	curing lights) (p	rintout from
	"Problen	ns with the Apo	ollo E curing light" (1 page article) (printo	out from www.ima	kenews.com)	
	"Bellini X	(Ray" (2 page:	s depicting Sunlite 1275 curing light) (pr	intout from www.	bellinixray.com)	
	"ACTA C	URING LIGHT	" (2 pages) (printout from www.amader	t.com)		
	"Laser T	echnology in E	Pentistry" (3 pages) (printout from dentis	try.about.com)		
	"Synops www.bro	"Synopsis of Visible Light Curing Units" (8 pages summarizing various curing lights) (printout from www.brooks.af.mil)				
	"Zap Du	al Curing Light	" (2 pages) (printout from www.brooks.a	f.mil)		
	"Vivalux	II Cordless Po	lymerization Unit" (2 pages) (printout fro	m www.brooks.a	f.mil)	
	"VersaLı	ux Cordless Cu	uring Light" (2 pages) (printout from www	/.brooks.af.mil)		
	"Variable	e Intensity Poly	merizer Light Curing Unit (VIP)" (3 page	s) (printout from	www.brooks.af.	.mil)
	"Spectru	m 800 Curing	Unit" (2 pages) (printout from www.broo	ks.af.mil)		
	"Optilux	501 Polymeriz	ation Unit" (2 pages) (printout from www	.brooks.af.mil)		
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### **U.S. PATENT DOCUMENTS**

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DE	٦,	"LumaLit	e Luma 8, Lun	naArch, LumaCure" (4 pages) (printout fro	m www.luma-li	te.com)		
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1	_ _			ring Light" (2 pages) (printout from www.b	•			
	<i>\</i>	"Compo- Printou"	T VLC Visible t from www.yat	Light Cure Composite Dental Restorative tes-motloid.com)	Materials" (4 pa	ages)		
	1			n dental composite restorations", JADA, vo	ol. 125, June 19	994, pages 687	-701.	
	1	"Accucur	e 3000" broch	ure (2 pages)	-			
	$\langle \rangle$	- "Accucur	e 1000" broch	ure (2 pages)				
	7	- "LaserMe	ed AGD Show	Special AccuCure 3000 Laser Show Spec	cial" flyer (1 pag	je)		
		- "LumaCι	re" flyer (1 pag	ge).				
	1	"ARC Lig	ht IIM" brochu	re (2 pages).				
		"Introduc	ing the Apollo	elight wireless curing light" flyer (1 page).				
		"Just Cui	re It" brochure	(3 pages) (printed out from www.airtechni	ques.com)			
	1	"Resin C Novembe	uring Lights: V er, 2001.	Vhat You Should Know", page 36 from Co	ntemporary Est	thetics and Res	torative Practice,	
	$\perp$	"Starlight	Starlight p" fly	ver (1 page).				
		"Exelite"	flyer (1 page)					
		"Epilar F	reeLight" flyer	(1 page).				
	1	"Centrix, hand (Ju	Introducing Vely-August 200	ersaLux the world class battery operated L i) (1 page)	.ED curing light	that fits in the	palm of your	
	1	- "ZAP De	ntal Curing" fly	er (1 page)				
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		"Elipar F	reelight Curing	Light" (2 pages) (printout from cms.3m.cc	om)			
KC	· \	"Intraoral	Resin Curing	Lights – Update '96" excerpt from March	1996 CRA new	sletter (2 pages	5).	
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# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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Docket Number (Optional)	Application Number	072635
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## **U.S. PATENT DOCUMENTS** EXAMINER DOCUMENT DATE NAME CLASS SUBCLASS FILING DATE INITIAL NUMBER IF APPROPRIATE OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) "3M ESPE Introduces New LED Curing Light" (2 pages) (printout from cms.3m.com) "NRG L.E.D. Curing Light" brochure (4 pages). EXAMINER DATE CONSIDERED

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## INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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1_	5,698,866	12/16/1997	Doiron et al	257	99	
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<u> </u>	6,318,996	11/20/2001	Melikechi et al.	433	29	
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R		Guido Gorac International	ci, Giovanni Mori, L , volume 27, numbe	uca Casa de Martinis, "Curing ligh r 5/1995 (8 pages)	t intensity and marginal I	eakage of resin compo	osite restorations", (	Quintessence	
1		6(1):32-37 (1	987) (6 pages)	etween the velocity of polymerizati				Dental materials journa	al
57				d variables in bonding to dentin",					
KL		G.L. Unterbri	nk and K. Muessner	r, "Influence of light intensity on tw	o restorative systems",	J. Dent., vol. 23, no. 3,	pp. 183-189 (1995) (	7 pages).	
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EXAMINER INITIAL	SERIAL NUMBER	FILING DATE		Title	•	Im	ventor	
	40/080,489	February 22, 2002	Light-Curing Device with De	stachably-Interconnecting Light Applica	tion	Dan E. Fis Bruce S. M	scher, DDS McLean	
~	10/068,397	Pebruary 5, 2002	Curing Light with Plurality of	FLED's and Corresponding Lenses			cher, DDS	$\vdash$
	10/068 103	February 5, 2002	Lightweight Hand Held Den	tal Curing Devices			cher, DDS	
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	10/024,110	December 17, 2001	Heat Sink with Geometric A	Arrangement of LED Surfaces Robert R. Scott				
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**EXAMINER** DATE CONSIDERED

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